

## Frugé Marine

The Town of Ringgold owns the property that was leased to Frugé Marine in the mid 1990s. Frugé Marine used the site for fiberglass boat hull construction. The company abandoned approximately 75-90 55-gallon drums on the property in October 1995 and was in bankruptcy in 1996. The site was subsequently leased to J. Mac Industries in December 1995. J. Mac Industries is involved in plastic molding and is still in operation at the site.

DEQ's Remediation Services Division (RSD) personnel performed sampling at the site on October 8, 1998. The sampling event confirmed that hazardous wastes and hazardous substances were present at the site. Certain drum materials were considered hazardous wastes due to the characteristic of ignitability. Significant levels of hazardous substances including acetone, styrene, and benzoic acid were found in drummed materials and in the partially dried resin waste.

In August 1999, the Town of Ringgold agreed to undertake corrective action and retained a contractor to perform the work. The contractor completed the bulk of the corrective action work in accordance with the approved work plan on November 29, 1999, through December 2, 1999. The corrective action work included containerizing the drums and excavated soil. DEQ's RSD personnel provided oversight and collected confirmatory samples during the corrective action.

Based on the results of the samples taken during the week of November 29, 1999, all wastes except for one 55-gallon drum were found to be non-hazardous wastes for purposes of disposal. The confirmatory soil samples documented that the acetone and styrene levels in the excavated areas were below Screening Standards (SS) established by the DEQ Risk Evaluation/Corrective Action Program (RECAP) after the excavation was completed. For more information regarding RECAP standards visit the RECAP website at <http://www.deq.state.la/technology/recap/index.htm>.

All wastes have been shipped off-site for disposal at permitted solid and hazardous waste facilities. The site received a No Further Action (NFA) designation on August 7, 2000, following submission of a final corrective action report.

Following are photos taken at the site during the remediation process:



Looking northwest at tanks being used to hold aqueous drum liquids. 11/30/99



Looking north at contractor emptying water from  
from drum using a pump. 11/30/99



Looking north at contractor de-heading empty  
drum for crushing. 11/30/99



Looking west at empty drums being crushed in  
roll-off box. 11/30/99



Looking northeast at filled, covered roll-off boxes.  
12/2/99





Looking north at secured drum and tanks. Yellow salvage drum contains the hazardous waste. 12/2/99



Looking northwest at excavated area. 12/2/99



Looking south/southeast at excavated area. 12/2/99



Looking southeast at excavated area. 12/2/99